## WE CLAIM:

- 1. A dispersion of particles in a non-aqueous, silicone medium wherein said particles comprise at least one acrylic polymer comprising:
- (A) a skeleton that is insoluble in said medium; and
- (B) a portion of said polymer that is soluble in said medium comprising side chains covalently bonded to said skeleton, wherein said polymer is obtained by polymerization of a polymerizable mixture, comprising:
- (i) a first  $C_1$ - $C_3$  alkyl (meth)acrylate monomer, alone or as a mixture of  $C_1$ - $C_3$  alkyl (meth)acrylate monomers, optionally in the presence of one or more additional monomers selected from the group consisting of acrylic acid, methacrylic acid and alkyl (meth)acrylates of formula (I),

$$H_2C = C - COOR_2$$

R1

(I)

and the salts thereof, wherein:

- R<sub>1</sub> is a hydrogen atom or a methyl group; and
- R<sub>2</sub> is:
- (a) a linear or branched alkyl group containing from 1 to 6 carbon atoms, said group containing one or more substituents selected from the group consisting of one or two oxygen atoms,  $-\mathrm{OH}$ , F, Cl, Br, I , and  $-\mathrm{NR'R''}$ , wherein R' and R'', which may be identical or different, are linear or branched  $C_1-C_3$  alkylgroups; or
- (b) a cyclic alkyl group containing from 3 to 6 carbon atoms, said group optionally containing one or more oxygen atoms, and optionally containing one or more substituents selected from the group consisting of OH, F, Cl, Br, and I; and
- (ii) at least one silicone macromonomer comprising an end group that reacts during said polymerization to form said side chains, said macromonomer having a weight-average molecular

mass of at least 200 and representing 0.05% to 20% by weight of the polymer.

- 2. The dispersion of claim 1, wherein said non-aqueous silicone medium comprises at least 50% by weight of at least one non-aqueous silicone liquid compound having a global solubility parameter according to the Hansen solubility space of less than or equal to 17 (MPa)<sup>1/2</sup>.
- 3. The dispersion of claim 1, wherein said first monomer, or mixture of first monomers, is present in an amount of 50-100% by weight of the mixture of first monomer(s) and optional additional monomer(s).
- 4. The dispersion of claim 1, wherein said first monomer, or mixture of first monomers, is selected from the group consisting of methyl acrylate; methyl methacrylate; ethyl acrylate; ethyl methacrylate; n-propyl acrylate; n-propyl methacrylate; isopropyl acrylate; and isopropyl methacrylate.
- The dispersion of claim 1, wherein said one or more 5. additional monomers, or mixture of additional monomers, is consisting methoxyethyl group of selected from the (meth)acrylate; trifluoroethyl ethoxyethyl (meth)acrylate; methacrylate; dimethylaminoethyl methacrylate; diethylaminoethyl methacrylate; 2-hydroxypropyl methacrylate; 2-hydroxyethyl methacrylate; 2-hydroxypropyl acrylate; hydroxyethyl acrylate; and the salts thereof.
- 6. The dispersion of claim 1, wherein said silicone macromonomer comprises an end group selected from the group consisting of a vinyl group and a (meth)acryloyloxy group.
- 7. The dispersion of claim 1, wherein said silicone macromonomer has a weight-average molecular mass (Mw) from 200 to 100,000.
- 8. The dispersion of claim 14, wherein said weight-average molecular mass (Mw) is from 300 to 50,000.
- 9. The dispersion of claim 1, wherein said silicone macromonomer comprises a polydimethylsiloxane containing a monoacryloyloxy or monomethacryloyloxy end group.

10. The dispersion of claim 1, wherein said silicone macromonomer is a compound of formula (II)

$$H_{2}C = \begin{array}{c|c} & & & CH_{3} & & CH_{3} \\ & & & & & CH_{3} & & CH_{3} \\ & & & & & & CH_{3} & & CH_{3} \\ & & & & & & & CH_{3} & & CH_{3} \\ & & & & & & & CH_{3} & & CH_{3} \\ & & & & & & & CH_{3} & & CH_{3} \\ \end{array}$$
 (II)

## wherein:

- R<sub>8</sub> is a hydrogen atom or a methyl group;
- $R_9$  is a divalent linear or branched hydrocarbon group containing from 1 to 10 carbon atoms, said group optionally containing one or two oxygen atoms;
- $R_{10}$  is a linear or branched alkyl group containing from 1 to 10 carbon atoms; and
- n is an integer from 1 to 300.
- 11. The dispersion of claim 10, wherein  $R_8$  is a methyl group.
- 12. The dispersion of claim 10, wherein  $R_9$  is selected from the group consisting of ethylen, propylen, and butylen.
- 13. The dispersion of claim 10, wherein  $R_{10}$  is selected from the group consisting of methyl, ethyl, propyl, butyl, and pentyl.
- 14. The dispersion of claim 1, wherein said silicone macromonomer is present in the polymer in a proportion of from 2-16% by weight.
- 15. The dispersion of claim 14, wherein said proportion is from 4-15% by weight.
- 16. The dispersion of claim 1, wherein said acrylic polymer has a weight-average molecular mass (Mw) of between 10,000 and 300,000.
- 17. The dispersion of claim 16, wherein said weight-average molecular mass (Mw) is between 20,000 and 200,000.
- 18. The dispersion of claim 1, wherein said polymer particles have a mean size ranging from 10 to 400 nm.
- 19. The dispersion of claim 1, wherein said dispersion has a solids content (or dry extract) of from 40-70% by weight of solids.

- 20. A cosmetic or pharmaceutical composition, comprising a dispersion according to claim 1 and a cosmetically or pharmaceutically acceptable medium.
- 21. The composition of claim 20, wherein said dispersion is present in an amount of from 3-95% by weight of said composition.
- 22. The composition of claim 20, wherein said cosmetically or pharmaceutically acceptable medium comprises one or more substances selected from the group consisting of waxes; oils; gums; pasty fatty substances; pigments; fillers; nacres; antioxidants; fragrances; essential oils; preserving agents; cosmetic active agents; moisturizers; vitamins; essential fatty acids; sphingolipids; sunscreens; surfactants; and liposoluble polymers compatible with fatty substances.
- 23. The composition of claim 20, which is in the form of a care, cleansing or makeup composition for the skin or keratin materials, a haircare composition, or an anti-sun composition.
- 24. A cosmetic treatment process for caring for, cleansing and/or making up keratin materials such as the skin, the scalp, the eyelashes, the eyebrows, the lips and the nails, comprising applying the composition of claim 20 to said keratin materials.